

METHOD AND APPARATUS FOR ENCODING INFORMATION

Abstract of the Disclosure

Method and apparatus for encoding overhead is described. More particularly, on a receive side channels are multiplexed, and a channel is selected for overhead to process. Transport Overhead and Path Overhead are parsed out and provided to an overhead extractor for encoding. Overhead is encoded according to channel number, frame number, row location and column location (“encoded information”), where either row location or column location is dependent on frame number. On the transmit side, encoded overhead is received at an overhead inserter and parsed back for line output by decoding the encoded information.